United States Environmental Protection Agency
EPA New England
One Congress Street, Suite 1100
Boston, MA 02114-2023

January 11, 2006

To: J. Kilborn, EPA
H. Inglis, EPA
R. Howell, EPA (w/o attachments)
D. Moore, USACE
K.C. Mitkevicius, USACE
S. Steenstrup, MA DEP (2 copies)
R. Bell, Esquire, MA DEP
S. Peterson, CT DEP
A. Silfer, GE
J. Novotny, GE
J.R. Bieke, Esquire, Shea & Gardner
S. Messur, BBL
D. Young, MA EOEA
K. Munney, US Fish and Wildlife
D. Mauro, META Environmental, Inc.
R. Nasman, The Berkshire Gas Company
Mayor Ruberto, City of Pittsfield
Commissioner of Public Works and Utilities, City of Pittsfield
Public Information Repositories

RE: December Monthly Report
1.5 Mile Reach Removal Action
GE-Pittsfield/Housatonic River Site

Enclosed please find the December 2005 Monthly Report for the 1.5 Mile Reach Removal Action. In accordance with the Consent Decree for the GE-Pittsfield/Housatonic River Site, the United States Environmental Protection Agency (EPA) is performing the 1.5 Mile Reach Removal Action, with General Electric funding a portion of the project through a cost sharing formula.

The EPA has entered into an agreement with the United States Army Corps of Engineers (USACE) to assist in the design and construction of the Removal Action. The USACE subsequently awarded a design-construct contract to Weston Solutions, Inc. (Weston). Weston, with several subcontractors, will be performing the design and construction activities for the 1.5 Mile Reach Removal Action.

If you have any questions, please contact me at (413) 236-0969.
Sincerely,

Dean Tagliaferro

Dean Tagliaferro
1.5 Mile Reach Removal Action Project Manager

1. Overview

During December 2005, the Environmental Protection Agency (EPA), the United States Army Corps of Engineers (USACE), the USACE's contractor, Weston Solutions, Inc., and Weston's subcontractors continued remediation activities on the 1.5 Mile Reach Removal Action. The primary work included the installation of the temporary floating barge river crossing, and the completion of excavation and backfill activities in Cell 40. Then, the removal of the upstream sheetpile wall for Cell 40 and the driving of the downstream sheetpile wall to mud line were completed. Also, the removal of the floating barge river crossing and the site preparations for the Holiday shutdown were completed. Transfer of TSCA materials from the stockpile management areas to the GE On Plant Consolidation Areas (OPCAs) was performed. In addition, transfer of non-TSCA materials from the stockpile management areas to approved off-site facilities continued.

2. Chronological description of tasks performed

Refer to Figure 1 (2 maps) for an orientation of the excavation cells and their respective locations.

By the end of November 2005, activities associated with the installation of the temporary floating barge river crossing were initiated. The barge river crossing will be utilized for access to the east side of the river for the remediation activities in Cells 40, 41 and 44. During the month of December, the installation of the floating barge river crossing was completed as described below. Additional sediment material was excavated from the riverbed where the barges will be located to trench and level off the riverbed. The trench will ensure that the barge will not bottom out when the loaded dump trucks cross it. The excavated non-TSCA sediment was placed into a roll off box for dewatering and then transported to Building 65 stockpile management area. Sheetpile walls were installed on both riverbanks for the barge approaches to support the ramps, stabilize the banks as well as protect the banks from erosion. Soil material was excavated from the riverbanks at the barge approach areas to stabilize and level off the riverbanks before the ramps were placed. The excavated material was placed into a roll off box for dewatering and then the non-TSCA material was transported to Building 65 stockpile management area and the TSCA material was transported to Building 63 stockpile management area.

Once the riverbed and the riverbanks were prepared and the sheetpile walls were installed, the assembly of the barge crossing sections was completed and the barge was placed in the river. The barge is composed of four barge sections, which overlap one another by a lip and are connected together by pins. Two vertical spuds were installed through the spud pockets on opposite corners of the barge for stabilization purposes. Fold out ramps were also connected to the barge by pins. Extra ramp material (dense grade/airport mix) was placed around the sheetpile

wall and the ramps for stabilization purposes. Road barriers were placed along the outside edges of the barge and eight by eight wood curbs were placed on the outside edges of the ramps.

Once the barge crossing was in place several load tests were completed over the barge with 50% full, and 75% full trucks. All load tests passed and the use of the floating barge crossing was approved.

Also by the end of November, the Cell 40 upstream sheetpile wall was pulled up to grade from the mud line and the installation of the downstream sheetpile cutoff wall was completed and Cell 40 was isolated. During the month of December, the dewatering activities in Cell 40 were completed. The water greater than 6-inches in depth was pumped directly back to the river. Once the water depth reached 6-inches, it was pumped to the water treatment system (WTS). Sumps and swales were installed to help in the dewatering process. Once dewatering was completed, the survey contractor completed the delineation of non-TSCA and TSCA excavation areas in Cell 40 and excavation activities in Cell 40 were completed. A small section of the floodplain in Cell 40 adjacent to the top of riverbank where GE anticipates performing subsequent remediation on floodplains was remediated and restored by EPA's contractors. The excavated TSCA material was transported to Building 63 stockpile management area. The non-TSCA material not characterized for off-site disposal was transported to Area 64D north, Area 64D south, Area 64C north and Area 64B north stockpile management areas. (See the attached Table 1 for amount of material excavated during the month of December and Table 2 for the amount of material excavated to date)

The total amount of material excavated from Cell 40 in the "GE floodplain area" was 55 cy. GE will be responsible for the excavation, backfill, and OPCA disposal costs for the 55 cy of material.

The surveyors monitored the excavation activities in Cell 40 to ensure appropriate design excavation depths were achieved. Once the excavation activities were completed, the final excavation verification survey was performed, backfill grade stakes were installed and backfilling activities were completed. The riverbed and riverbank of Cell 40 were backfilled as follows: The first 175 feet of the riverbed was to be backfilled with common fill to bring the riverbed to the design grade. However due to the high ground water infiltration, filter material type I was placed instead of common fill. Next, a ten-inch layer of filter material type I, and a fifteen-inch layer of 9-inch riprap were placed. The last 50 feet of the riverbed was to be backfilled with a six-inch layer of filter material type III. Once again due to the high ground water infiltration filter material type I was placed instead of filter material type III. Next, a ten-inch layer of filter material type I, and a fourteen-inch layer of 9-inch riprap were placed. The first 175 feet of the riverbanks were backfilled with common fill to the design grade, then a ten-inch layer of filter material type I and a twenty four-inch layer of 18-inch riprap were placed up to elevation 965.5 feet above mean sea level (AMSL). The last 50 feet of the riverbanks were backfilled with common fill to the design grade, then a ten-inch layer of filter material type III, followed by a six-inch layer of filter material type I and an eighteen-inch layer of 12-inch riprap were placed up to elevation 965.0 feet AMSL.

The riverbank beyond elevations 965.0 and 965.5 feet AMSL was backfilled with common fill to within 6-inches of final grade. The common fill was installed in twelve-inch horizontal lifts and

compacted to meet the 95% compaction requirement. Eventually, a 6-inch layer of topsoil, and then herbaceous seed and erosion control blankets will be placed. Due to the upcoming remediation in the "GE floodplain area" adjacent to Cell 40, the topsoil, herbaceous seed and erosion control blankets will be placed at a later date.

The surveyors monitored the backfilling activities in Cell 40 to ensure appropriate design backfill grades were achieved. Once the backfilling activities were completed, the final restoration verification survey was performed.

A layer of temporary erosion control riprap was placed at the downstream end of Cell 40, at the interface between Cell 40 and the unexcavated Cell 41, to avoid any potential erosion.

The Cell 40 upstream sheepile cutoff wall was removed and the downstream sheetpile cutoff wall was driven to mud line and Cell 40 was flooded opening the entire river channel to water flows. The Cell 40 downstream cutoff wall will be used in the future as the upstream cutoff wall for Cell 41.

The removal of the Cell 37A/38A centerline sheetpile wall was completed.

Other activities during the month of December included decontamination of the large boulders segregated from the previously excavated material. The decontaminated boulders will be used in the future as river enhancement structures.

Decontamination of the last eight sections of the 54-inch HDPE pipe was completed. These pipe sections were used as part of the original Phase 3 river crossing. The HDPE pipe was moved to the GE staging area where the decontamination activities were performed. The pipe was wipe sampled and was staged awaiting transfer to an off-site recycling facility.

The relocation of the six-foot stockade fence on the southern border of Parcel I7-2-44 was completed. The removal of the temporary construction fence between Parcels I7-2-3, Parcel I7-2-2 and Parcel I7-2-20 was completed. The removal of the site security fence along Caledonia Street was completed; a new 6-foot permanent green vinyl fence was installed to replace the temporary one.

Miscellaneous site housekeeping and site preparation for the Holiday Shutdown were completed. Also, the floating barge river crossing was removed from the river for the Holiday Shutdown.

During the month of December, the WTS operations continued. The WTS treated water from Cell 40. Sampling of the WTS for parameters included in the NPDES exclusion permit was performed on December 06, 2005. Air monitoring for particulate matter (PM10 sampling) and surface water turbidity monitoring were performed on a daily basis during the month of December. Air and turbidity monitoring was discontinued on December 15, 2005 for the Holiday Shutdown. Surface water sampling for total suspended solids (TSS) and PCBs was performed on December 07, 2005. The second surface water sampling event for December was not performed due to the Holiday Shutdown. The monthly PCB air-monitoring event was performed on December 07, 2005. Confirmatory PCB wipe samples were collected on December 06, 2005 and December 14, 2005 on the 54-inch HDPE pipe. Five eight-point composite post excavation off-site disposal characterization samples were collected on December 07, 2005, December 08,

2005 and December 09, 2005 from the riverbed and riverbank materials excavated from Cell 38A, Cell 40S, Cell 40 and Cell 43/44 (stockpiled in Area 64B, Area 64C, Area 64D and Building 65).

The transfer of TSCA materials from the Building 63, Area 64C and Area 64B stockpile management area to the Building 71 OPCA was performed from December 12, 2005 to December 21, 2005. (See Table 3 for a summary of material transported to the OPCAs during the month of December 2005 and Table 4 for a summary of material transported to the OPCAs for the project through December 2005.)

The non-TSCA materials from the Area 64D, Area 64B and Building 65 stockpile management areas were transported to the Waste Management of New Hampshire-TREE, Rochester, N.H. from December 01, 2005 to December 21, 2005. (See Table 5 for a summary of material transported to the Waste Management of New Hampshire-TREE, Rochester, N.H. during the month of December 2005).

In addition, the non-TSCA WTS modutank materials from Building 65 stockpile management area were transported to Seneca Meadows Landfill, Waterloo, N.Y. on December 05, 2005 and December 06, 2005 (See Table 6 for a summary of material transported to the Seneca Meadows Landfill, Waterloo, N.Y. during the month of December 2005).

Vibration monitoring activities were completed in Phase 3C on structures located within 200-foot radius of the activities associated with sheetpile installation. Also, sound/noise monitoring was completed during the sheetpile installation activities. Monitoring was discontinued on December 15, 2005 for the Holiday Shutdown.

Stockpile management area activities continued throughout the month of December. Daily inspections, operation, and maintenance activities were performed within Buildings 63, 65, Area 64 (the outside stockpile area) and Building 68.

Traffic control was conducted on Lyman Street, Elm Street, Deming Street and Pomeroy Avenue during the month of December.

3. Sampling/test results received

Table 7 contains a summary of the PCB samples collected for the water treatment system sampling program on December 06, 2005. The results of the daily particulate air monitoring program are summarized in Table 8. Results for the daily noise monitoring are provided in Table 9. Table 10 is a summary of daily turbidity monitoring results. Results for PCB and TSS samples and water column monitoring data collected on November 16, 2005 and December 07, 2005 are presented in Table 11. However the December 07, 2005 sample results are not yet available. Summary of the PCB air sampling conducted on November 30, 2005 and December 08, 2005 are provided in Table 12. Table 13 contains results for the 54-inch HDPE pipe wipe samples. Post-excavation off-site disposal characterization sample results for the riverbed and

riverbank materials excavated from Cell 38A, Cell 40S, Cell 40 and Cell 43/44 (stockpiled in Area 64D, Area 64C, Area 64B and Building 65) are summarized in Table 14.

4. Diagrams associated with the tasks performed

Figure 1 (2 maps) includes the layout of all excavation cells, the temporary dam, water monitoring locations, air sampling locations, vibration monitoring locations, access road locations, excavation load-out locations, staging area locations, fence line location, and the new and the old water treatment system pad locations.

5. Reports received and prepared

During the month of December 2005, Weston received a vibration monitoring summary report for the month of November 2005 from Vibra-Tech, Inc. During this period, six seismographs were set up in Phase 3C to monitor structures on several properties within a 200-foot radius of the sheetpile installation activities, the sewer siphon structure located at the Fred Garner Park and the Pomeroy Avenue Bridge. The following properties were monitored: Parcels I7-1-5; I6-1-69; I6-1-68; I6-1-67; I6-1-66 and H7-4-11. All units were set up to collect data on the continuous seismic mode. Activities occurring near the monitoring locations during this period included normal background activities, the installation of sheetpile walls, and general construction activities. All of the ground vibrations measured were less than the action level in the project specifications of 1.0 PPV (for structures with concrete foundations) except for two exceedances on the sewer siphon structure located at the Fred Garner Park on November 15, 2005 and November 16, 2005. The two exceedances were both one-minute events and it was Vibra-Tech's opinion that no action be taken. The exceedances were almost certainly caused by accidental human interference with the geophone, or an external electrical or radio frequency source causing interference with the seismograph.

During the month of December 2005, vibration monitoring was completed on several structures within Phase 3C and the sewer siphon structure located at the Fred Garner Park. The following properties were monitored: Parcels I6-1-69; I6-1-68; I6-1-67; I6-1-66 and H7-4-11. However the report has not yet been received.

6. Photo documentation of activities performed

See attached photos.

7. Brief description of work to be performed in January 2006

- Pull the upstream sheetpile wall to grade from mud line and install the downstream sheetpile wall for Cell 39S and the downstream sheetpile cutoff wall for Cell 39.
- Initiate and complete excavation and backfilling activities in Cell 39S and Cell 39.
- Remove the upstream cutoff walls in Cell 39S and 39.
- Install the downstream cutoff wall for Cell 42.
- Initiate and complete excavation and backfilling activities in Cell 42.
- Remove the upstream cutoff wall in Cell 42 and drive the downstream cutoff wall to mudline.
- Remove the centerline sheetpile walls for Cells 39S/40S and 39/40.
- Continue stockpile management activities at Buildings 63, 65, 68 and Area 64.
- Continue to transfer non-TSCA materials from the stockpile management areas to an approved off-site facility.
- Continue the daily air, noise and turbidity monitoring.
- Continue PCB air sampling (once a month), water column sampling (twice a month), water treatment system sampling (once a month) and backfill material sampling (as needed).
- Continue vibration monitoring activities in Phase 3C.

8. ATTACHMENTS TO THIS REPORT

Table 1. Quantity of Bank and Sediment Material Excavated during the Month of December

Table 2. Quantity of Bank and Sediment Material Excavated to Date

Table 3. Quantity of Material Transferred to OPCAs during the Month of December

Table 4. Quantity of Material Transferred to OPCAs to Date

Table 1 - Quantity of Bank and Sediment Material Generated During the Month of December
December 2005 Monthly Report

GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are reported in cubic yards)

		Approximate Quantity of Excavated Bank and Sediment Material		
Date	**Location**	**non-TSCA**	**TSCA**	**NAPL impacted**
Bank Soil and Sediment				
12/05/05	Cell 43/44	20	0	0
12/06/05	Cell 40&43/44	310	180	0
12/07/05	Cell 40	370	110	0
12/08/05	Cell 40	520	0	0
	Monthly total from bank soil and sediment	**1,220**	**290**	**0**

Note:
All quantities are in compacted or “in-place” cubic yards. All loads are estimated at 10cy per truck.
Includes 55cy from Cell 40 of material removed from the "GE Floodplain Area".

Table 2 - Quantity of Bank and Sediment Material Excavated to Date
December 2005 Monthly Report

GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are reported in cubic yards)

		Approximate Quantity of Bank and Sediment Material Excavated to Date			
Date	**Location**	**non-TSCA**	**TSCA**	**NAPL impacted**	**Total**
09/26/02 to 10/02/02	Cell 1A	101	0	53	154
10/02/02 to 10/04/02	Cell 1B	60	0	110	170
10/18/02 to 10/29/02	Cell 2	874	175	0	1,049
11/11/02 to 11/15/02	Cell 3	183	0	200	383
11/18/02 to 11/25/02	Cell 4	2,283	198	0	2,481
12/03/02 to 12/10/02	Cell 5	1,629	369	0	1,998
01/07/03 to 01/15/03	Cell 6	832	658	0	1,490
01/10/03 to 01/29/03	Cell 6A	2,611	68	0	2,679
02/03/03 to 02/10/03	Cell 7&7A	1,114	636	0	1,750
02/20/03 to 02/24/03	Cell 5A	899	0	0	899
02/25/03 to 03/07/03	Cell 8&8A	1,245	90	0	1,335
03/14/03 to 03/18/03	Cell 9	603	307	0	910
03/27/03 to 04/07/03	Cell 10&10A	1,730	133	0	1,863
04/14/03 to 04/16/03	Cell 12	668	1,354	0	2,022
04/30/03 to 05/09/03	Cell 11	1,713	341	10	2,064
05/27/03 to 06/12/03	Cell 11A	957	166	462	1,585
06/25/03 to 07/29/03	Cell 12A	1,656	805	656	3,117
09/04/03 to 10/22/03	Cell 13	3,580	298	1,129	5,007
01/08/04 to 03/24/04	Cell 14&15	4,462	288	257	5,007
05/25/04 to 07/28/04	Cell 16&17	4,409	822	3,191	8,422
07/30/04 to 09/17/04	Cell 18&19	3,741	65	685	4,491
09/28/04 to 10/25/04	Cell 20	948	591	196	1,735
09/28/04 to 10/25/04	Cell 21	525	569	0	1,094
09/28/04 to 10/25/04	Cell 22	1,170	686	0	1,856
11/04/04 to 12/01/04	Cell 23^	1,725	189	0	1,914
11/04/04 to 12/02/05	Cell 24^	1,610	247	0	1,857
04/06/05 to 4/13/05	Cell 25^	858	369	0	1,227
04/12/05 to 04/19/05	Cell 25A^	419	127	0	546
04/27/05 to 05/04/05	Cell 26^	2,199	357	0	2,556
05/17/05 to 05/20/06	Cell 28	1,281	187	0	1,468
06/01/05 to 06/03/05	Cell 27	1,062	109	0	1,171
06/14/05 to 06/20/05	Cell 29	1,738	241	0	1,979
07/05/05 to 07/13/05	Cell 32^	1,540	541	0	2,081
07/25/05 to 07/28/05	Cell 30^	1,558	304	0	1,862
08/08/05 to 08/12/05	Cell 31^	1,689	211	0	1,900
08/23/05 to 08/24/05	Cell 33/34	1,289	21	0	1,310
09/09/05 to 09/13/05	Cell 35	997	42	0	1,039
09/22/05 to 09/23/05	Cell 36^	1,661	123	0	1,784
09/29/05 to 10/01/05	Cell 37^	573	51	0	624
10/07/05 to 10/19/05	Cell 38^	1,153	140	0	1,293
11/04/05 to 11/10/05	Cell 38S&38A^	673	270	0	943
11/10/05 to 11/14/05	Cell 40S^	62	59	0	121
11/16/05 to 11/19/05	Cell 37S&37A^	187	1,139	0	1,326
12/06/05 to 12/08/05	Cell 40^	117	1,454	0	1,571
	Total	**60,384**	**14,800**	**6,949**	**82,133**

Note:
All quantities determined by pre- and post- excavation surveying.
^ - Excludes material removed from the "GE Floodplain Area"

Table 3 - Quantity of Material Transferred to OPCAs During the Month of December
December 2005 Monthly Report

GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are reported in cubic yards)

		Approximate Quantity Transported to OPCAs	
Date	**# of truckloads**	**Hill 78 (non-TSCA)**	**Bldg. 71 (TSCA)**
Bank Soil and Sediment			
12/12/05	36	0	396
12/15/05	18	0	198
12/20/05	42	0	462
12/21/05	18	0	198
Monthly totals	**114**	**0**	**1,254**

Note:
All quantities are in compacted or “in-place” cubic yards.
(1) Estimated at 11 cy per truck
Includes approximate 6 truckloads (69cy) of material generated from "GE Floodplain Area" from Cells 37S, 37A and 40.

Table 4 - Quantity of Material Transferred to OPCAs to Date
December 2005 Monthly Report

GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA
(Results are reported in cubic yards)

		Approximate Quantity Transported to OPCAs	
Date	**Location**	**Hill 78 (non-TSCA)**	**Bldg. 71 (TSCA)**
Site Preparation Activities			
09/11/02	Building 65 Stockpile Management Area	225	
Bank Soil and Sediment			
12/05/02 to 12/19/02	Stockpile Management Area/Excavation Cells	4,718 (1)	910 (1)
02/11/03 to 02/28/03	Stockpile Management Area/Excavation Cells	5,137 (2)	539 (2)
03/03/03 to 03/14/03	Stockpile Management Area/Excavation Cells	1,749 (2)	1,353 (2)
04/07/03 to 04/18/03	Stockpile Management Area/Excavation Cells	2,710 (3)	1,698 (3)
04/07/03 to 04/18/03	Stockpile Management Area/Cleanup Material	370 (3)	40 (3)
05/12/03 to 05/14/03	Stockpile Management Area/Excavation Cells	1,826 (3)	0
05/12/03 to 05/14/03	Stockpile Management Area/Cleanup Material	220 (3)	0
06/11/03 to 06/12/03	Stockpile Management Area/Excavation Cells	0	704 (3)
06/16/03 to 06/17/03	Stockpile Management Area/Excavation Cells	712 (3)	0
06/16/03 to 06/17/03	Stockpile Management Area/Cleanup Material	146 (3)	0
07/07/03 to 07/11/03	Stockpile Management Area/Excavation Cells	1,188 (3)	748 (3)
09/15/03 to 09/30/03	Stockpile Management Area/Excavation Cells	2,090 (3)	308 (3)
10/28/03 to 10/30/03	Stockpile Management Area/Excavation Cells	1,623 (3)	33 (3)
10/28/03 to 10/30/03	Stockpile Management Area/Cleanup Material	181 (3)	0
11/18/03	Demolition Debris from Parcels I8-10-2 and I8-10-3	200 (4)	0
1/12/04	Stockpile Management Area/Excavation Cells	77 (3)	0
04/28/04 to 4/30/04	Stockpile Management Area	0	825 (3)
05/12/04 to 05/27/04	Stockpile Management Area/Excavation Cells/Outfall Repair on Parcel I8-23-6	1,518 (3)	484 (3)
06/03/04 to 06/22/04	Stockpile Management Area	0	528 (3)
07/06/04 to 07/16/05	Stockpile Management Area	396 (3)	836 (3)
08/11/04 to 08/31/04	Stockpile Management Area	1,045 (3)	0
09/28/04 to 09/30/04	Stockpile Management Area	1,375 (3)	0
10/01/04 to 10/14/04	Stockpile Management Area	352 (3)	1,958 (3)
11/01/04 to 11/15/04	Stockpile Management Area	363 (3)	1,342 (3)
12/02/04 to 12/14/04	Stockpile Management Area	176 (3)	847 (3)
04/20/05 to 04/22/05	Stockpile Management Area *	0	482 (3)
05/05/05 to 05/23/05	Stockpile Management Area **	0	1,067 (3)
6/27/05	Stockpile Management Area	0	154 (3)
07/07/05 to 07/29/05	Stockpile Management Area***	0	1,807 (3)
08/01/05 to 08/22/05	Stockpile Management Area****	0	1,445 (3)
10/03/05 to 10/26/06	Stockpile Management Area*****	0	1,177(3)
11/10/05 to 11/14/05	Stockpile Management Area******	0	426(3)
12/12/05 to 12/21/06	Stockpile Management Area*******	0	1,185(3)
	Project Totals	**28,238**	**20,893**

Notes:
Pursuant to the Consent Decree, EPA is allowed to dispose of up to 50,000cy of material into GE OPCAs.

Pursuant to August 2004 agreement between EPA and GE, EPA is allowed to dispose an additional 750cy of material into the GE OPCAs to account for a portion of the volume of material generated as part of the removal of the gabion baskets and reno mattresses along Deming Street.
* - Excludes the 104 truck loads (1,168 cy) of the "GE Floodplain Area".
** - Excludes the 29 (319 cy) truck loads of the "GE Floodplain Area".
***- Excludes the 20 (217cy) truck loads of the "GE Floodplain Area".
****- Excludes the 11 (117cy) truck loads of the "GE Floodplain Area".
*****- Excludes the 2 (22cy) truck loads of the "GE Floodplain Area".
******-Excludes the 2 (25cy) truck loads of the "GE Floodplain Area".
*******-Excludes the 6 (69cy) truck loads of the "GE Floodplain Area".
All quantities are in compacted or “in-place” cubic yards.
(1) Estimated at 14cy per truck, loaded with excavator.
(2) Estimated at 11cy per truck due to loading out frozen material.
(3) Estimated at 11cy per truck, loaded with front end loader.
(4) Estimated at 8cy per truck

Table 5 - Quantity of non-TSCA Material Transported to Waste Management of New Hampshire-TREE, Rochester, N.H.
During the Month of December
December 2005 Monthly Report

GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are reported in tons)

Date Shipped	Doc. Number	Stockpile Area	Net Weight (Tons) (1)
12/01/05	1060WMNH	Cell 38A&40S Area 64D north	30.46
12/01/05	1061WMNH	Cell 38A&40S Area 64D north	30.95
12/01/05	1062WMNH	Cell 38A&40S Area 64D north	30.78
12/01/05	1063WMNH	Cell 38A&40S Area 64D north	32.78
12/01/05	1064WMNH	Cell 38A&40S Area 64D north	32.32
12/01/05	1065WMNH	Cell 38A&40S Area 64D north	29.96
12/01/05	1066WMNH	Cell 38A&40S Area 64D north	31.86
12/01/05	1067WMNH	Cell 38A&40S Area 64D north	30.32
12/01/05	1068WMNH	Cell 38A&40S Area 64D north	33.78
12/01/05	1069WMNH	Cell 38A&40S Area 64D north	30.44
12/01/05	1070WMNH	Cell 38A&40S Area 64D north	30.80
12/01/05	1071WMNH	Cell 38A&40S Area 64D north	31.14
12/01/05	1072WMNH	Cell 38A&40S Area 64D north	30.64
12/01/05	1073WMNH	Cell 38A&40S Area 64D north	33.14
12/01/05	1074WMNH	Cell 38A&40S Area 64D north	31.36
12/01/05	1075WMNH	Cell 38A&40S Area 64D north	30.84
12/01/05	1076WMNH	Cell 38A&40S Area 64D north	33.52
12/01/05	1077WMNH	Cell 38A&40S Area 64D north	30.35
12/01/05	1078WMNH	Cell 38A&40S Area 64D north	30.61
12/01/05	1079WMNH	Cell 38A&40S Area 64D north	31.91
12/02/05	1080WMNH	Cell 38A&40S Area 64D north	32.00
12/02/05	1081WMNH	Cell 38A&40S Area 64D north	33.50
12/02/05	1082WMNH	Cell 38A&40S Area 64D north	31.63
12/02/05	1083WMNH	Cell 38A&40S Area 64B north	31.95
12/02/05	1084WMNH	Cell 38A&40S Area 64B north	31.35
12/02/05	1085WMNH	Cell 38A&40S Area 64B north	33.07
12/02/05	1086WMNH	Cell 38A&40S Area 64B north	32.09
12/02/05	1087WMNH	Cell 38A&40S Area 64B north	30.84
12/02/05	1088WMNH	Cell 38A&40S Area 64B north	30.92
12/02/05	1089WMNH	Cell 38A&40S Area 64B north	32.12
12/02/05	1090WMNH	Cell 38A&40S Area 64B north	31.94
12/02/05	1091WMNH	Cell 38A&40S Area 64B north	32.96
12/05/05	1092WMNH	Cell 38A&40S Area 64B north	33.08
12/05/05	1093WMNH	Cell 38A&40S Area 64B north	31.61
12/19/05	1094WMNH	Cell 40 Area 64D north	26.54

Date Shipped	Doc. Number	Stockpile Area	Net Weight (Tons) (1)
12/19/05	1095WMNH	Cell 40 Area 64D north	30.95
12/19/05	1096WMNH	Cell 40 Area 64D north	29.27
12/19/05	1097WMNH	Cell 40 Area 64D north	32.81
12/19/05	1098WMNH	Cell 40 Area 64D north	25.63
12/19/05	1099WMNH	Cell 40 Area 64D north	29.02
12/19/05	1100WMNH	Cell 40 Area 64D north	32.57
12/19/05	1101WMNH	Cell 40 Area 64D north	30.85
12/19/05	1102WMNH	Cell 40 Area 64D north	29.15
12/19/05	1103WMNH	Cell 40 Area 64D north	32.14
12/19/05	1104WMNH	Cell 40 Area 64D north	30.61
12/19/05	1105WMNH	Cell 40 Area 64D north	30.95
12/20/05	1106WMNH	Cell 40 Area 64D north	28.84
12/20/05	1107WMNH	Cell 40 Area 64D north	30.50
12/20/05	1108WMNH	Cell 40 Area 64D north	29.66
12/20/05	1109WMNH	Cell 40 Area 64D north	31.81
12/20/05	1110WMNH	Cell 40 Area 64D north	31.07
12/20/05	1111WMNH	Cell 40 Area 64D south	32.17
12/20/05	1112WMNH	Cell 40 Area 64D south	34.56
12/20/05	1113WMNH	Cell 40 Area 64D south	30.13
12/20/05	1114WMNH	Cell 40 Area 64D south	32.55
12/20/05	1115WMNH	Cell 40 Area 64D south	29.74
12/20/05	1116WMNH	Cell 40 Area 64D south	32.09
12/20/05	1117WMNH	Cell 40 Area 64D south	30.38
12/20/05	1118WMNH	Cell 40 Area 64D south	30.90
12/20/05	1119WMNH	Cell 40 Area 64D south	30.33
12/20/05	1120WMNH	Cell 40 Area 64D south	31.10
12/21/05	1121WMNH	Cell 40 Area 64D south	32.64
12/21/05	1122WMNH	Cell 40 Area 64D south	32.70
12/21/05	1123WMNH	Cell 40 Area 64D south	31.14
12/21/05	1124WMNH	Cell 40 Area 64D south	29.96
12/21/05	1125WMNH	Cell 40 Area 64D south	29.15
12/21/05	1126WMNH	Cell 43/44 Building 65	29.43
12/21/05	1127WMNH	Cell 43/44 Building 65	32.75
12/21/05	1128WMNH	Cell 43/44 Building 65	33.08
12/21/05	1129WMNH	Cell 43/44 Building 65	34.29
12/21/05	1130WMNH	Cell 43/44 Building 65	29.43
		Total of Material Disposed	**2,217.91**

Notes:

(1) Net weights established at the disposal facility.

Table 6 - Quantity of Water Treatment System Modutank Material Transported to Seneca Meadows Landfill, Waterloo, N.Y.
During the Month of December
December 2005 Monthly Report

GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are reported in tons)

Date Shipped	Doc. Number	Stockpile Area	Net Weight (Tons) (1)
12/05/05	0799SM	WTS modutank Building 65	31.25
12/05/05	0800SM	WTS modutank Building 65	32.14
12/05/05	0801SM	WTS modutank Building 65	30.61
12/05/05	0802SM	WTS modutank Building 65	30.99
12/05/05	0803SM	WTS modutank Building 65	29.97
12/06/05	0804SM	WTS modutank Building 65	29.28
12/06/05	0805SM	WTS modutank Building 65	29.28
12/06/05	0806SM	WTS modutank Building 65	32.26
		Total of Material Disposed	**245.78**

Notes:
(1) Net weights established at the disposal facility.

Table 7- NPDES Sampling Results for Water Treatment System
December 2005 Monthly Report

GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are presented in part per billion, ppb)

Sample ID	Location	Date Collected	Aroclor 1016, 1221, 1232, & 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs
H2-WW000001-0-5D06	Influent	06-Dec-05	ND(2.7)	ND(2.7)	**8.7**	**31.0**	**40.0**
H2-WW000002-0-5D06	Intermediate	06-Dec-05	ND(0.013)	ND(0.013)	**0.046**	**0.19**	**0.24**
H2-WW000003-0-5D06	Effluent	06-Dec-05	ND(0.013)	ND(0.013)	ND(0.013)	**0.077**	**0.077**
Action Level	**Effluent**		**0.50**	**0.50**	**0.50**	**0.50**	**0.50**

Notes:
ND(0.013) - Analyte was not detected. The value in parentheses is the associated detection limit.
Intermediate - Sample collected between carbon units which are being operated in series.
12/06/05 - monthly sampling

Table 8 - Daily Air Monitoring Results
December 2005 Monthly Report

GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

Date Collected	Sample Location	Average Site Concentration (mg/m^3)	Average Period (Hours:Min)
12/1/2005	Upwind	N/A	N/A
	Downwind	N/A	N/A
12/2/2005	Upwind	N/A	N/A
	Downwind	N/A	N/A
12/3/2005	Upwind	Weekend	Weekend
	Downwind	Weekend	Weekend
12/4/2005	Upwind	Weekend	Weekend
	Downwind	Weekend	Weekend
12/5/2005	Upwind	N/A	N/A
	Downwind	N/A	N/A
12/6/2005	Upwind	##	##
	Downwind	##	##
12/7/2005	Upwind	0.000	6
	Downwind	0.014	6
12/8/2005	Upwind	0.001	5
	Downwind	0.003	5
12/9/2005	Upwind	N/A	N/A
	Downwind	N/A	N/A
12/10/2005	Upwind	Weekend	Weekend
	Downwind	Weekend	Weekend
12/11/2005	Upwind	Weekend	Weekend
	Downwind	Weekend	Weekend
12/12/2005	Upwind	0.001	5
	Downwind	0.009	5
12/13/2005	Upwind	0.000	5
	Downwind	--	--
12/14/2005	Upwind	0.005	5
	Downwind	0.014	5
12/15/2005	Upwind	Shutdown	Shutdown
	Downwind	Shutdown	Shutdown
12/16/2005	Upwind	Shutdown	Shutdown
	Downwind	Shutdown	Shutdown
12/17/2005	Upwind	Shutdown	Shutdown
	Downwind	Shutdown	Shutdown
12/18/2005	Upwind	Shutdown	Shutdown
	Downwind	Shutdown	Shutdown
12/19/2005	Upwind	Shutdown	Shutdown
	Downwind	Shutdown	Shutdown
12/20/2005	Upwind	Shutdown	Shutdown
	Downwind	Shutdown	Shutdown
12/21/2005	Upwind	Shutdown	Shutdown
	Downwind	Shutdown	Shutdown
12/22/2005	Upwind	Shutdown	Shutdown
	Downwind	Shutdown	Shutdown
12/23/2005	Upwind	Shutdown	Shutdown
	Downwind	Shutdown	Shutdown
12/24/2005	Upwind	Shutdown	Shutdown
	Downwind	Shutdown	Shutdown

Date Collected	Sample Location	Average Site Concentration (mg/m^3)	Average Period (Hours:Min)
12/25/2005	Upwind	Shutdown	Shutdown
	Downwind	Shutdown	Shutdown
12/26/2005	Upwind	Shutdown	Shutdown
	Downwind	Shutdown	Shutdown
12/27/2005	Upwind	Shutdown	Shutdown
	Downwind	Shutdown	Shutdown
12/28/2005	Upwind	Shutdown	Shutdown
	Downwind	Shutdown	Shutdown
12/29/2005	Upwind	Shutdown	Shutdown
	Downwind	Shutdown	Shutdown
12/30/2005	Upstream	Shutdown	Shutdown
	Downstream	Shutdown	Shutdown
12/31/2005	Upwind	Shutdown	Shutdown
	Downwind	Shutdown	Shutdown
notification level		**0.120**	
action level		**0.150**	

Notes:
N/A - Not available due to precipitation forecast > 50%
--- - No reading due to technical difficulties with monitoring equipment
- not deployed; Minimal Site work performed
Monitoring was discontinued on 12/15/05 for the Holiday Shutdown

Table 9- Daily Noise Monitoring Results
December 2005 Monthly Report

GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

Date	Noise (dBA)			Average Period (Hours:Min)
	High	Low	Average	
12/1/2005	N/A	N/A	N/A	N/A
12/2/2005	N/A	N/A	N/A	N/A
12/3/2005	Weekend	Weekend	Weekend	Weekend
12/4/2005	Weekend	Weekend	Weekend	Weekend
12/5/2005	N/A	N/A	N/A	N/A
12/6/2005	**	**	**	**
12/7/2005	##	##	##	##
12/8/2005	--	--	--	--
12/9/2005	N/A	N/A	N/A	N/A
12/10/2005	Weekend	Weekend	Weekend	Weekend
12/11/2005	Weekend	Weekend	Weekend	Weekend
12/12/2005	85.2	38.6	57.9	5.5
12/13/2005	97.8	43.3	57.2	4.8
12/14/2005	--	--	--	--
12/15/2005	Shutdown	Shutdown	Shutdown	Shutdown
12/16/2005	Shutdown	Shutdown	Shutdown	Shutdown
12/17/2005	Shutdown	Shutdown	Shutdown	Shutdown
12/18/2005	Shutdown	Shutdown	Shutdown	Shutdown
12/19/2005	Shutdown	Shutdown	Shutdown	Shutdown
12/20/2005	Shutdown	Shutdown	Shutdown	Shutdown
12/21/2005	Shutdown	Shutdown	Shutdown	Shutdown
12/22/2005	Shutdown	Shutdown	Shutdown	Shutdown
12/23/2005	Shutdown	Shutdown	Shutdown	Shutdown
12/24/2005	Shutdown	Shutdown	Shutdown	Shutdown
12/25/2005	Shutdown	Shutdown	Shutdown	Shutdown
12/26/2005	Shutdown	Shutdown	Shutdown	Shutdown
12/27/2005	Shutdown	Shutdown	Shutdown	Shutdown
12/28/2005	Shutdown	Shutdown	Shutdown	Shutdown
12/29/2005	Shutdown	Shutdown	Shutdown	Shutdown
12/30/2005	Shutdown	Shutdown	Shutdown	Shutdown
12/31/2005	Shutdown	Shutdown	Shutdown	Shutdown

Notes:
dBA - Decibel
N/A - Not deployed due to weather
--- - No readings due to technical errors
- Battery Died during sampling
** - Not deployed - minimal site work performed
Monitoring was discontinued on 12/15/05 for the Holiday Shutdown

Table 10 - Daily Water Column Turbidity Monitoring Results
December 2005 Monthly Report

GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

Date	Flow at Coltsville (cfs)	Location	Turbidity (ntu)			Temperature Average (°C)
			Reading 1	Reading 2	Average	
12/1/2005	486	Downstream of Lyman Street Bridge	9.8	5.2	7.5	6.9
		Downstream of Holmes Road Bridge	12.1	11.8	12.0	6.6
12/2/2005	298	Downstream of Lyman Street Bridge	5.6	8.2	6.9	6.0
		Downstream of Holmes Road Bridge	9.5	2.4	6.0	5.7
12/3/2005	253	Downstream of Lyman Street Bridge	weekend	weekend	weekend	4.0
		Downstream of Holmes Road Bridge	weekend	weekend	weekend	3.9
12/4/2005	224	Downstream of Lyman Street Bridge	weekend	weekend	weekend	2.2
		Downstream of Holmes Road Bridge	weekend	weekend	weekend	2.8
12/5/2005	204	Downstream of Lyman Street Bridge	2.5	6.9	4.7	1.8
		Downstream of Holmes Road Bridge	3.4	4.1	3.8	2.5
12/6/2005	193	Downstream of Lyman Street Bridge	N/A	N/A	N/A	1.9
		Downstream of Holmes Road Bridge	N/A	N/A	N/A	2.6
12/7/2005	178	Downstream of Lyman Street Bridge	4.6	4.1	4.4	1.9
		Downstream of Holmes Road Bridge	5.2	8.1	6.7	2.2
12/8/2005	165	Downstream of Lyman Street Bridge	1.3	0.5	0.9	0.7
		Downstream of Holmes Road Bridge	2.3	5.8	4.1	1.4
12/9/2005	160	Downstream of Lyman Street Bridge	1.3	2.6	2.0	0.7
		Downstream of Holmes Road Bridge	2.6	2.8	2.7	1.3
12/10/2005	148	Downstream of Lyman Street Bridge	weekend	weekend	weekend	1.3
		Downstream of Holmes Road Bridge	weekend	weekend	weekend	1.9
12/11/2005	133	Downstream of Lyman Street Bridge	weekend	weekend	weekend	1.3
		Downstream of Holmes Road Bridge	weekend	weekend	weekend	2.0
12/12/2005	127	Downstream of Lyman Street Bridge	0.9	0.4	0.7	2.0
		Downstream of Holmes Road Bridge	1.5	0.9	1.2	2.4
12/13/2005	112	Downstream of Lyman Street Bridge	1.6	0.4	1.0	0.9
		Downstream of Holmes Road Bridge	1.9	2.6	2.3	1.6
12/14/2005	96	Downstream of Lyman Street Bridge	1.1	1.9	1.5	0.4
		Downstream of Holmes Road Bridge	1.7	1.8	1.8	1.3
12/15/2005		Downstream of Lyman Street Bridge	Shutdown	Shutdown	Shutdown	Shutdown
		Downstream of Holmes Road Bridge	Shutdown	Shutdown	Shutdown	Shutdown
12/16/2005		Downstream of Lyman Street Bridge	Shutdown	Shutdown	Shutdown	Shutdown
		Downstream of Holmes Road Bridge	Shutdown	Shutdown	Shutdown	Shutdown
12/17/2005		Downstream of Lyman Street Bridge	Shutdown	Shutdown	Shutdown	Shutdown
		Downstream of Holmes Road Bridge	Shutdown	Shutdown	Shutdown	Shutdown
12/18/2005		Downstream of Lyman Street Bridge	Shutdown	Shutdown	Shutdown	Shutdown
		Downstream of Holmes Road Bridge	Shutdown	Shutdown	Shutdown	Shutdown
12/19/2005		Downstream of Lyman Street Bridge	Shutdown	Shutdown	Shutdown	Shutdown
		Downstream of Holmes Road Bridge	Shutdown	Shutdown	Shutdown	Shutdown
12/20/2005		Downstream of Lyman Street Bridge	Shutdown	Shutdown	Shutdown	Shutdown
		Downstream of Holmes Road Bridge	Shutdown	Shutdown	Shutdown	Shutdown
12/21/2005		Downstream of Lyman Street Bridge	Shutdown	Shutdown	Shutdown	Shutdown
		Downstream of Holmes Road Bridge	Shutdown	Shutdown	Shutdown	Shutdown
12/22/2005		Downstream of Lyman Street Bridge	Shutdown	Shutdown	Shutdown	Shutdown
		Downstream of Holmes Road Bridge	Shutdown	Shutdown	Shutdown	Shutdown
12/23/2005		Downstream of Lyman Street Bridge	Shutdown	Shutdown	Shutdown	Shutdown
		Downstream of Holmes Road Bridge	Shutdown	Shutdown	Shutdown	Shutdown

Date	Flow at Coltsville (cfs)	Location	Turbidity (ntu)			Temperature Average (°C)
			Reading 1	Reading 2	Average	
12/24/2005		Downstream of Lyman Street Bridge	Shutdown	Shutdown	Shutdown	Shutdown
		Downstream of Holmes Road Bridge	Shutdown	Shutdown	Shutdown	Shutdown
12/25/2005		Downstream of Lyman Street Bridge	Shutdown	Shutdown	Shutdown	Shutdown
		Downstream of Holmes Road Bridge	Shutdown	Shutdown	Shutdown	Shutdown
12/26/2005		Downstream of Lyman Street Bridge	Shutdown	Shutdown	Shutdown	Shutdown
		Downstream of Holmes Road Bridge	Shutdown	Shutdown	Shutdown	Shutdown
12/27/2005		Downstream of Lyman Street Bridge	Shutdown	Shutdown	Shutdown	Shutdown
		Downstream of Holmes Road Bridge	Shutdown	Shutdown	Shutdown	Shutdown
12/28/2005		Downstream of Lyman Street Bridge	Shutdown	Shutdown	Shutdown	Shutdown
		Downstream of Holmes Road Bridge	Shutdown	Shutdown	Shutdown	Shutdown
12/29/2005		Downstream of Lyman Street Bridge	Shutdown	Shutdown	Shutdown	Shutdown
		Downstream of Holmes Road Bridge	Shutdown	Shutdown	Shutdown	Shutdown
12/30/2005		Downstream of Lyman Street Bridge	Shutdown	Shutdown	Shutdown	Shutdown
		Downstream of Holmes Road Bridge	Shutdown	Shutdown	Shutdown	Shutdown
12/31/2005		Downstream of Lyman Street Bridge	Shutdown	Shutdown	Shutdown	Shutdown
		Downstream of Holmes Road Bridge	Shutdown	Shutdown	Shutdown	Shutdown

Notes:

Turbidity Action Level - Average Downstream (Pomeroy Avenue)≥ Average Downstream (Lyman Street) + 50 ntu

cfs - Cubic feet per second

ntu - nephelometric turbidity units

Measurements collected using YSI 6200 Data Acquisition System using 600 OMS sonde with a 6136 Turbidity Probe

Flow data was obtained from the USGS Station 01197000 in Coltsville, MA at approximately midday.

Negative values are attributed to +/- 2ntu accuracy of the turbidity probe.

N/A - Not collected shortened work day

Monitoring was discontinued on 12/15/05 for the Holiday Shutdown

Table 11- Summary of Turbidity, PCB, and TSS Water Column Monitoring Results
December 2005 Monthly Report

GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

Location	Date	Estimated Flow (cfs)	Turbidity (ntu)			Water Temp. (^{o}C)	Sample ID	Total PCB Concentration (ug/l)	Filtered PCB Concentration (ug/l)	TSS (mg/l)
			Read 1	Read 2	Daily Average					
Upstream of Newell St. Bridge	11/16/05	137	NS	NS	NS	NS	H0-SW000054-0-5N16	ND(0.013)	ND(0.013)	**3.5**
Downstream of Lyman St. Bridge	11/16/05	137	5.6	7.0	6.3	8.5	H2-SW000055-0-5N16	ND(0.013)	ND(0.013)	**2.8**
Downstream of Holmes Rd. Bridge	11/16/05	137	4.2	9.2	6.7	8.1	H3-SW000006-0-5N16	**0.045**	ND(0.013)	**3.2**
Upstream of Newell St. Bridge	12/07/05	178	NS	NS	NS	NS	H0-SW000054-0-5D07	NR	NR	NR
Downstream of Lyman St. Bridge	12/07/05	178	4.6	4.1	4.4	1.9	H2-SW000055-0-5D07	NR	NR	NR
Downstream of Holmes Rd. Bridge	12/07/05	178	5.2	8.1	6.7	2.2	H2-SW000006-0-5D07	NR	NR	NR
Downstream of Holmes Rd. Bridge (duplicate)	12/07/05	178	5.2	8.1	6.7	2.2	H2-SW000006-1-5D07	NR	NR	NR

Notes:
PCB Action Level - Downstream (Pomeroy Avenue) ≥ Downstream (Lyman Street) + 5 ug/L
ND(0.013) - Analyte was not detected. The value in parentheses is the associated detection limit.
cfs - Cubic feet per second
ntu - nephelometric turbidity units
NS - Not Sampled
NR - Not yet reported
Temperature measured YSI 600 oms system.
Flow data was obtained from the USGS Station 01197000 in Coltsville, MA at approximately midday.
Water column samples were collected as 4 grab composite samples.

Table 12 - PCB Air Sampling Results
December 2005 Monthly Report

GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are presented in μg/m^3)

Sample ID	Location (1)	Date Collected	Aroclor 1016, & 1242	Aroclor 1221, 1232, & 1248	Aroclor 1254	Aroclor 1260	Total PCBs
H2-AR000007-0-5N30	AR000007	30-Nov-05	ND(0.00264)	ND(0.00264)	ND(0.00264)	ND(0.00264)	ND(0.00264)
H2-AR000051-0-5N30	AR000051	30-Nov-05	ND(0.00321)	ND(0.00321)	ND(0.00321)	**0.00321**	**0.00321**
H2-AR000051-1-5N30 (duplicate)	AR000051	30-Nov-05	ND(0.00349)	ND(0.00349)	ND(0.00349)	**0.00384**	**0.00384**
H2-AR000054-0-5N30	AR000054	30-Nov-05	ND(0.00282)	ND(0.00282)	ND(0.00282)	ND(0.00282)	ND(0.00282)
H2-AR000055-0-5N30	AR000055	30-Nov-05	ND(0.00256)	ND(0.00256)	ND(0.00256)	ND(0.00256)	ND(0.00256)
H2-AR000007-0-5D08	AR000007	08-Dec-05	ND(0.00259)	ND(0.00259)	ND(0.00259)	ND(0.00259)	ND(0.00259)
H2-AR000051-0-5D08	AR000051	08-Dec-05	ND(0.00264)	ND(0.00264)	ND(0.00264)	ND(0.00264)	ND(0.00264)
H2-AR000051-1-5D08 (duplicate)	AR000051	08-Dec-05	ND(0.00276)	ND(0.00276)	ND(0.00276)	ND(0.00276)	ND(0.00276)
H2-AR000054-0-5D08	AR000054	08-Dec-05	ND(0.00251)	ND(0.00251)	ND(0.00251)	ND(0.00251)	ND(0.00251)
H2-AR000055-0-5D08	AR000055	08-Dec-05	ND(0.00258)	ND(0.00258)	ND(0.00258)	ND(0.00258)	ND(0.00258)

Notes:
Notification Level: 0.05μg/m^3
Action Level: 0.1μg/m^3
1- See Figure 1 for locations

Table 13 - 54-inch HDPE Pipe Wipe Samples
December 2005 Monthly Report

GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are presented in μg/100 cm^2)

Sample ID	Date Collected	Aroclor 1016, 1221, 1232, 1242, & 1248	Aroclor 1254	Aroclor 1260	Total PCBs
H2-XI000259-0-5D06	06-Dec-05	ND(0.05)	**0.2**	**0.4**	**0.6**
H2-XI000260-0-5D14	14-Dec-05	ND(0.083)	ND(0.083)	**0.187**	**0.187**

Notes:

PCB Action Level - 10.0 μg/100 cm^2

ND(0.25) - Analyte was not detected. The value in parentheses is the associated detection limit.

Table 14 - Post Excavation Soil/ Sediment Stockpile Characterization Analytical Results
December 2005 Monthly Report
GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are presented in part per million, ppm)

Sample ID	H2-OT000314-0-5D07	H2-OT000315-0-5D08	H2-OT000315-1-5D08	H2-OT000316-0-5D08	H2-OT000316-1-5D08	H2-OT000317-0-5D09	H2-OT000318-0-5D09
Sample type	stockpile material characterization	stockpile material characterization	stockpile material characterization (duplicate)	stockpile material characterization	stockpile material characterization (duplicate)	stockpile material characterization (1)	stockpile material characterization (1)
Date Collected	12/7/2005	12/08/2005	12/08/2006	12/08/2005	12/08/2005	12/09/2006	12/09/2006
Stockpile Location	Building 65	Area 64D	Area 64D	Area 64D	Area 64D	Area 64B	Area 64C
Analyte							
PCBS							
AROCLOR-1254	**2.9 J**	**2.1**	**3.2**	**6.0**	**8.1**	**9.8**	**7.6**
AROCLOR-1260	**21.0**	**11.0**	**18.0**	**33.0**	**40.0**	**72.0**	**45.0**
PCB, TOTAL	**24.0**	**13.0**	**21.0**	**39.0**	**48.0**	**82.0**	**53.0**
INORGANICS							
PAINT FILTER LIQUIDS **(ml**	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
PERCENT SOLIDS **(%)**	**87.0%**	**86.1%**	**91.2%**	**77.7%**	**81.0%**	**74.3%**	**78.2%**

Notes:
Only detected constituents are summarized
(1) Material represented by this sample is classified as TSCA material. Material to be transported to GE's Building 71 OPCA.

Photograph 1 – Assembly of the Barge for Floating Barge River Crossing

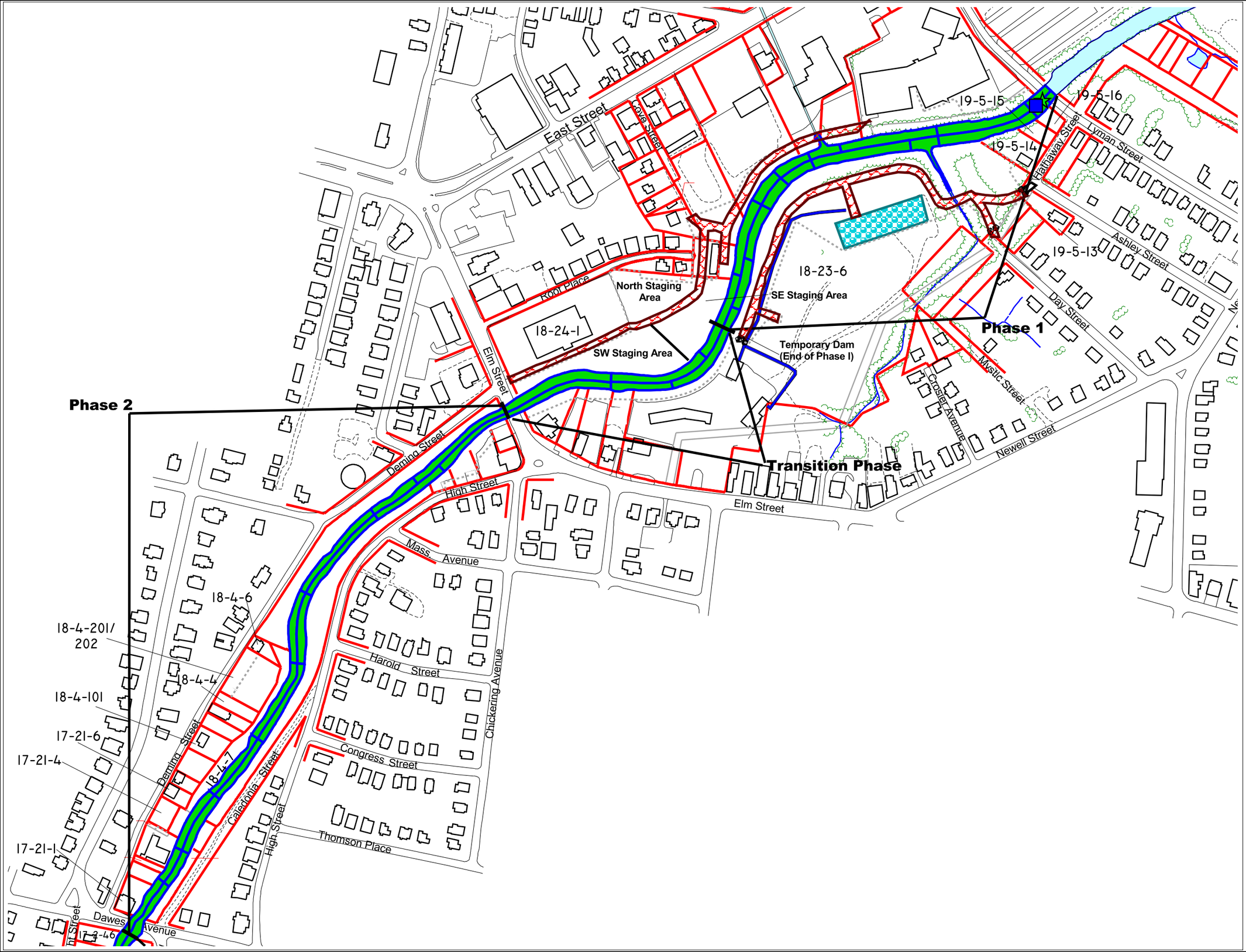
Photograph 2 –Floating the Barge River Crossing into Place

Photograph 3 –Floating Barge River Crossing Sheetpile Stabilization

Photograph 4 –Floating Barge River Crossing

Photograph 5 – Loaded Dump Truck Crossing the Floating Barge River Crossing

Photograph 6 – Excavation Activities in Cell 40



LEGEND

- Roads
- Surface Water
- Water Treatment Plant*
- Access Roads
- Asphalt Access Road
- Property Lines
- Loadout Area
- Site Security Fence Line
- Work Completed
- Turbidity Monitoring Locations
- Water Monitoring Locations
- Buried Electric/Telephone Line*

*Note: As-built features were located using a real time GPS unit

N

Scale in Feet

325 0 325

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Figure 1
1.5 Mile Removal Action
Site Map (Map 1 of 2)
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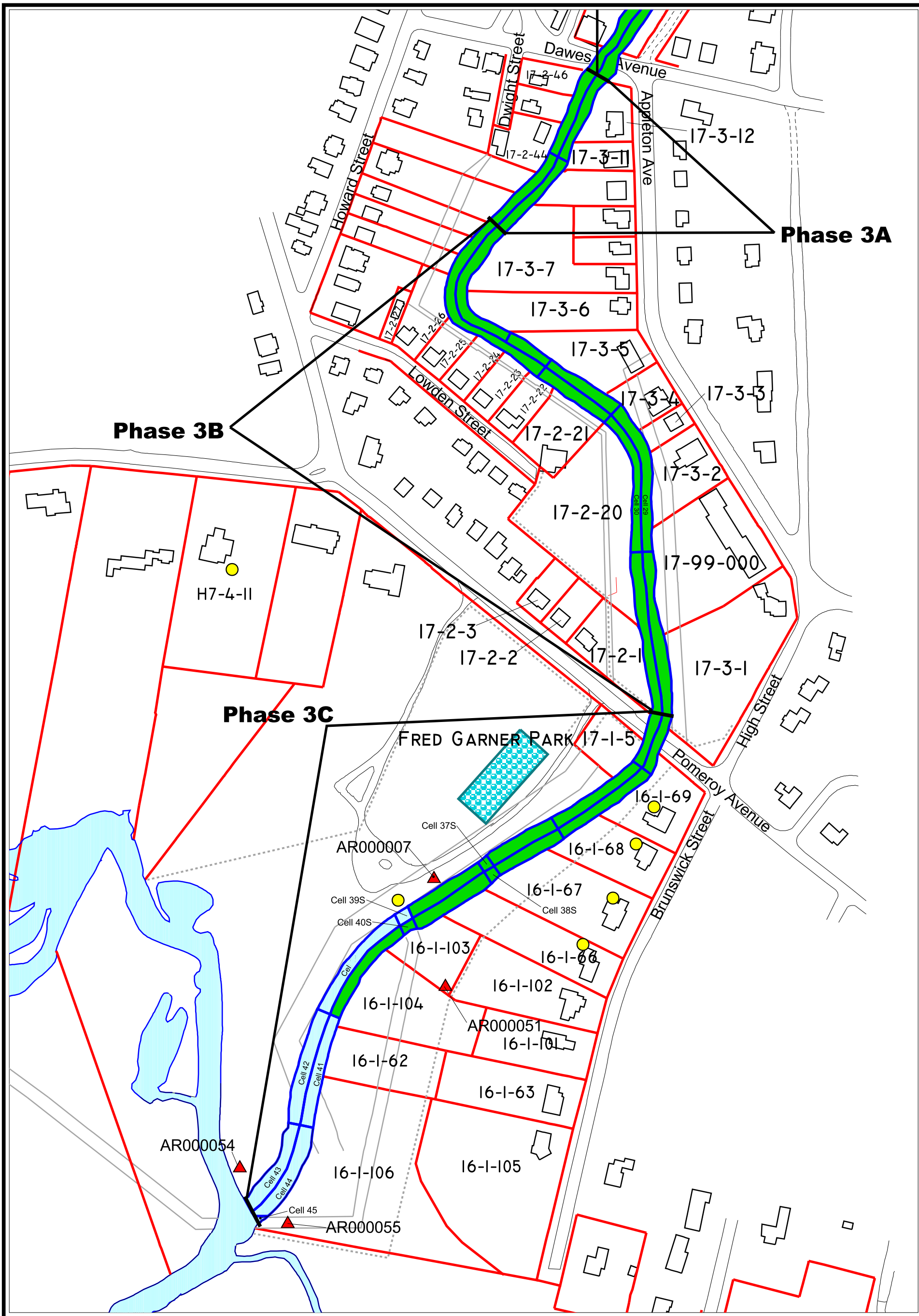

LEGEND

- Surface Water
- Water Treatment Plant
- Property Lines
- Work Completed
- Work In Progress
- Work Pending
- Site Security Fence line
- Roads
- Vibration Monitoring Locations
- Turbidity Monitoring Locations
- Water Monitoring Locations
- Air Monitoring Locations

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Scale in Feet

100 0 100 200

N

Figure 1
1.5 Mile Removal Action
Site Map (Map 2 of 2)
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